Kennecott Utah Copper Corporation 8315 West 3595 South P.O. Box 6001 Magna, Utah 84044-6001

Tel: (801) 252-3257 Fax: (801) 252-3125

Paula H. Doughty

* . L

Manager, Environmental Compliance

m/35/002 Kennecott

January 30, 2001

Mr. Wayne Hedberg, Permit Supervisor Minerals Reclamation Program Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801

Subject: Annual Reports for 2000, Kennecott Utah Copper Corporation

Dear Mr. Hedberg:

Enclosed are the completed annual report forms for the following DOGM permits:

M/035/002 Bingham Pit and UCD Modernization,

M/035/011 4th Line/Copperton Concentrator,

M/035/015 North Impoundment,

M/045/004 Pine Canyon Reclamation Project.

As in last year's reports, all disturbed and reclaimed acreage on the existing tailings impoundment is reported under permit number M/035/002.

In addition to the reclamation activities documented in the attached reports, the following work was conducted by KUCC in the Oquirrh Mountains outside of the DOGM jurisdictional boundaries:

Smelter Area – 71.4 acres, I-80 Pond – contaminated sludge removal

Smelter Area – 36.7 acres, Smelter Return Canal – contaminated sludge removal

Mr. Wayne Hedberg, Permit Supervisor January 30, 2001 Page 2 of 2

Smelter Area – 61.7 acres, Kessler Canyon – contaminated soil removal and recontouring

In 2000 KUCC spent more than \$650,000 dollars on reclamation activities within the boundaries of permit #M/035/002. These costs included purchases of seed, fertilizer, and surface preparation including biosolids application, seedlings, and planting. Excluded from these costs are such activities as contaminated soil removals, soil emplacement and 2.3 million dollars in major tailings dike recontouring efforts that were paid for by individual construction and remediation projects. After correcting for inflation, this equates to more than \$260,000 spent in 1978 dollars. This is well in excess of the \$50,000 annual expenditure required by permit #M/035/002.

If you have any questions about these annual reports, please contact Jim Kandolin at 569-6208.

Sincerely,

Paula Doughty

Manager, Environmental Compliance

Enclosures

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

1594 West North Temple Suite 1210 PO Box 145801

Salt Lake City, Utah 84114-5801 Telephone: (801) 538-5291 Fax: (801) 359-3940

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

- 1. Report Time Period: From (mo./yr.) 1/2000 To (mo./yr.) 12/2000
- 2. DOGM File Number (Mine No.): M/035/002
- 3. Mine Name: Bingham Pit & UCD Modernization
- 4. Mineral(s) Mined (or permitted to mine): Copper and associated metals.
- 5. Type of mine: X Surface Mine or Underground Mine
- 6. Legal Description, (Location of Lands Affected):

Sections 7, 8, 9, 10, 11, 17, 18, 19, 20, 21, 30, & 32	T1S, R2W;
Sections 9, 11, 12, 13, 14, 15, 16, 22, 23, 24, 25, 26 & 36	6T1S, R3W;
Sections 4, 5, 9, 10, 11, 14, 15, 22, 23, 27 & 33	T2S, R2W;
Sections 7, 17, 18 & 19	T3S, R1W;
Sections 4, 8, 9, 13, 14, 15, 16, 17, 19, 20, 21, 24, 25,	
28, 29, 30, 31, & 32	T3S, R2W;
Sections 11, 12, 13, 14, 15, 21, 22, 23, 24, 25, 26, 27,	
33, 34, 35 & 36	T3S, R3W;
Sections 6 & 7	T4S, R2W;
Sections 1, 2, 3, 11 & 12	T4S. R3W:

Salt Lake Base and Meridian, Salt Lake County, Utah

7. Name of Operator or Company: Kennecott Utah Copper Corporation

8. Permanent Street Address:

P. O. Box 6001

City, State, Zip:

8315 W. 3595 South

Magna, UT 84044

Phone:

(801) 252-3257

Fax:

(801) 252-3125

9. Company Representative (or designated operator):

Name:

Paula Doughty

Title:

Manager, Environmental Compliance

Business Address:

P. O. Box 6001

City, State, Zip:

Magna, UT 84044

Phone:

(801) 252-3257

Fax:

(801) 252-3125

Please check if any of the above information has changed since previous year.

II. Mining and Reclamation

- 1. Was the mine active during the past year? Yes X No
- 2. If no what was the last year of activity? NA
- 3. If yes how much ore or mineral was mined?

64.7 million short tons of ore was mined.

4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.

A total of 105.1 million short tons of waste rock were produced at the mine in 2000. Most of this rock was placed into the existing Bingham Canyon waste rock disposal area. Tailings continued to be placed into the active portion of the existing tailings impoundment. Five new acres were disturbed in association with extension of the Midas dump. Approximately 45 new acres were disturbed is association with the construction of the rail ore reload in Bingham Canyon near the Dry Fork shops.

5. How much additional acreage was disturbed during the year?

A total of 50 additional acres were disturbed by waste rock disposal and rail ore reload construction activities at the mine in 2000.

6. How much acreage was **reclaimed** during the past year?

A total of 95 acres were planted at the Bingham Canyon Mine and 399 acres were reclaimed at the Magna Tailings impoundment in 2000.

7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.

The following reclamation activities were completed in 2000:

Galena Gulch Dump 19 acres were recontoured including the

reduction of a 150 ft high angle of repose dump slope to an approximate 2.5:1 slope.

The recontoured surface was ripped, fertilized and seeded. About 540 tree

seedlings were also planted.

Queen Dump 8 acres that were recontoured and had

biosolids applied in late 1999 were ripped

and seeded in 2000.

Midas Dump Approximately 30 acres that were

recontoured and had biosolids applied in late 1999 were seeded in 2000. An additional 6 acres were recontoured and had limestone applied in 2000 before being

ripped, fertilized and seeded.

New Ore Reload 32 acres that were disturbed during

construction of the new ore reload area in Bingham Canyon were fertilized and

hydroseeded

Magna Tailings Impoundment 399 acres were recontoured and drill

seeded on the north, southeast and

northeast sides of the tailings embankment.

Disturbed Areas on Impoundment Several hundred acres were slightly

recontoured and seeded for dust control.

Test Plots

A series of test plots were also established on several waste rock surfaces in late 2000. Waste rock surfaces with a variety of pH and salinity conditions were recontoured and treated with various combinations of lime, crushed limestone, composted biosolids and limed biosolids. A total of about 17 acres were treated. These areas will be ripped and planted in 2001.

8. What is the total disturbed acreage at years end?

There were an estimated 12312 disturbed acres at the end of 2000. This is based upon 12,756 acres reported last year less 95 mine acres reclaimed and 399 tailings impoundment acres reclaimed plus 50 acres of new mine disturbance. It should be noted that this disturbed area includes more than 200 acres on the tailings pond embankment which have undergone interim reclamation for dust control during the year 2000.

9. Briefly summarize any mining and/or reclamation plans for the upcoming year.

The 2001 Reclamation Activities Plan is being prepared and will be submitted to the Division by February 28, 2001.

NOTE: Section III., "Additional Information" applies only to <u>large mining operations.</u>

III. Additional Information

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.

No new maps are attached because there have been no significant changes since the previous maps were submitted in 1998.

2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be submitted.

The 2000 Reclamation Activities Plan will be submitted to the Division by February 28, 2000.

IV. Signature Requirement

I hereby certify that the foregoing is true and correct.

Name (Typed or Print): Paula Doughty

Title of Operator: Manager, Environmental Compliance

Signature of Operator: Que Dought

Date: 1/36/01